

Cover Letter**Dated: 09/24/2009****To Commissioner For Patents****Re: Interview & Status**

Interview with the previous Examiner has been conducted on the 08/28/2009 and 08/31/2009.

Resulting agreements as understood by the applicant, where based on the recognition that: a majority of the objections & rejections of 1st OA can be alleviated by adding references in the CIP (10597043) application to the parent (10520040) application which provides extensive explanations of important elements of CIP specification and CIP claims.

Such agreements included applicant's acceptance of the Examiner's requests that: more sufficient references to the drawings of the CIP application and the specification of the parent application, shall be added to the CIP specification; additional parts of the parent application shall be incorporated into the CIP application, by a direct incorporation or by adding the statement of incorporation by reference to the priority claim.

It has been also advised by the Examiner that the direct incorporation of the parent's application can be beneficial for prosecuting CIP and it's continuations.

Such agreements have been implemented by the applicant in the drafts of amended specification and new claims emailed to the Examiner for a preliminary review.

Since the Examiner has preliminarily accepted these specification & claims amendments, the applicant has incorporated them into his response to the 1st OA.

However, Examiner Interview Summary confirming the resulting agreements has not been provided, while the CIP application has been docketed to the new Examiner.

In order to maintain process continuity and high efficiency:

- even more meticulous implementation of the interview recommendations is provided with the amendments of specification & drawings of CIP attached hereto;
- another interview with the new Examiner is kindly requested, wherein such amended documents can be used as background information for this interview.

Re: Amendments of Specification & Drawings

Such upgraded implementation of interview results is provided with:

1. Marked specification amendments "nfed-spec_amendments_marked-09sep23.pdf", wherein;

the remaining parts of the parent specification are incorporated directly into the corresponding parts of the CIP specification,

references to specific texts in parent specification are redirected to the corresponding texts transferred to CIP specification by this direct incorporation, additional references to CIP drawings are added.

2. Marked and clean versions of drawings amendments "nfed-drw_amendments_marked-09sep23.pdf" and "nfed-drw_amendments_clean-09sep23.pdf", wherein;

all the drawings of parent application are inserted before the previous CIP drawings,

the previous CIP drawings are renumbered accordingly from FIG.1 / FIG.2 / FIG.3 to FIG.5 / FIG.6 / FIG.7.

The more specific description of the specification amendments is provided below.

1. The priority claim (page 1) has been amended and supplemented with the statement of incorporation by reference.
2. The subsection "Field of the Invention" is supplemented with the corresponding parent's subsection.
3. The subsection "Background Art" is supplemented with the parent's subsection titled as "1. Background art of the parent application", while the previous content of "Background Art" is now titled as "2. Background art of NFED".

4. The section SUMMARY OF THE INVENTION is upgraded by:

adding the subsection "1 Purpose of DSP MSP and NFED" by inserting there the parents subsection "1. Purpose of the Invention" modified by mentioning NFED in relation to noise filtering functions;

relocating the previous content of GENERAL DESCRIPTION OF INVENTION

COMPONENTS into the new subsection 2 of this section named as "2. General

Components of the Invention";
supplementing this new subsection 2 with
the reference to the detailed description of SSP circuits and timing in DESCRIPTION OF
THE PREFERRED EMBODIMENT,
and the major part of claim 29 of the original parent application;
relocating the previous content of the SUMMARY OF THE INVENTION into the new
subsection 3 of this section named as "3. Summary of NFED".

5. The new section BRIEF DESCRIPTION OF THE DRAWINGS is added.

6. The section DESCRIPTION OF THE PREFERRED EMBODIMENT is upgraded by:
adding the subsection "1. Introduction to the preferred embodiment" outlining the new
content of this section;
inserting the subsections 2 to 8 of the parent's DESCRIPTION OF THE PREFERRED
EMBODIMENTS into the subsections 2 to 8 of this section;
relocating the previous content of the DESCRIPTION OF THE PREFERRED
EMBODIMENT into the new subsection 9 of this section named as "9. Summary of
NFED".
supplementing this new subsection 9 with
references to the subsections 2 to 8 of this section describing timing and circuit details
common to CIP and parent applications;
multiple references to drawings placed beside description texts mentioning particular
components shown in these drawings;
explanations of scope or extent of solutions comprised by the NFED and NFED application
fields;
references to the subsections 2 to 8 of this section exemplifying NFED integration into data
recovery system of the parent application.

Conclusion

The specification & claims amendments provided in response to the 1st OA had been preliminarily reviewed and basically agreed upon during the interview with the previous Examiner.

Furthermore, even more meticulous implementation of the interview recommendations is provided with the amendments of specification & drawings attached hereto.

However, Examiner Interview Summary confirming the resulting agreements has not been provided, while the CIP application has been docketed to the new Examiner.

Therefore another interview with the new Examiner is kindly requested, in order to maintain high efficiency of the follow-up examination process.

Based on such thorough implementation of the previous interview recommendations, it is thus respectfully submitted that the invention taught and defined herein by the claims embodies patentable subject matter.

The Examiner is earnestly solicited to give favorable consideration to this application and pass it to allowance.

Respectfully submitted,

By: John W. Bogdan,

on the 24th of September 2009